

MAGNETIC ENCODER

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Classification:

- **international:** G01D5/245; G01D5/244; H03M1/24; G01D5/12; H03M1/22; (IPC1-7): G01D5/245; G01D5/245; H03M1/24

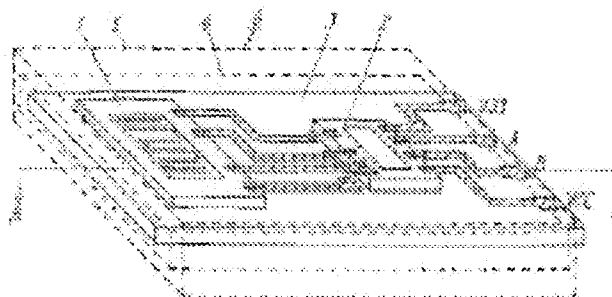
- **European:**

Application number: JP19940006079 19940125

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Abstract of JP 7209019 (A)

PURPOSE: To eliminate the effect of unnecessary electromagnetic wave from the outside and also reduce the size of a magnetic signal detection processing part. **CONSTITUTION:** The magnetic encoder is provided with a magnetic resistance effect element 1, an integrated circuit 2 to treat signals output from the magnetic resistance effect element 1, a printed circuit board 3 to connect the magnetic resistance effect element 1 to the integrated circuit 2 electrically on the same board by wiring, an insulation film 4 to insulate electrically the entire outer surfaces of the printed circuit board 3 on which the magnetic resistance effect element 1 and the integrated circuit 2 are mounted, and a magnetic signal detection processing part 6 in which the entire external surfaces of the insulation film 4 are covered further with an electromagnetic wave shield member 5.



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